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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/078,419	02/21/2002	Amrith K. Lal	SVL920010085US1 0920.0017	6092
23373 7590 05/23/2008 SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037				
EXAMINER				
BHATIA, AJAY M				
ART UNIT		PAPER NUMBER		
2145				
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/078,419

**Applicant(s)**

LAL, AMRISH K.

**Examiner**

AJAY BHATIA

**Art Unit**

2145

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 March 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 4-9, 15-21, 31 and 32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 4-9, 15-21, 31 and 32 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB-08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

***Response to Arguments***

Applicant's arguments filed 3/28/2008 have been fully considered but they are not persuasive. Applicant has again argued features which have not been claimed, therefore examiner is not persuaded. But in light of the amendment to the claims examiner has provided new art of Davis-Hall.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 4-9, 15-21 and 31-32 are rejected under 35 U.S.C. 102(e) as being anticipated by Davis-Hall (United States Patent 6,601,066).

For claim 4, Davis-Hall teaches, a method of correcting links in a document, comprising:

- sending a first request to a link checking service unit to check a status of a first resource corresponding to a first link; (Davis-Hall, Col. 5 lines 14-46, check status)
- receiving a first response to said first request, the first response containing an indication of a changed location of the first resource; (Davis-Hall, Col. 6 lines 15-32, error list)
- and changing the document based on the indication of the changed location of the first resource: and (see Davis-Hall, Col. 5 lines 14-25, editing broken link)

automatically sending a second request to the link checking service unit to check a status of a second resource corresponding to a second link after the changing of the document. (Davis-Hall, Col. 6 lines 15-30, continues, Col. 3 line 55 to Col. 4 line 16, start command generate automatically)

For claim 5, Davis-Hall teaches, the method of claim 4, wherein the response further includes a link status code indicating a status of the first resource. (Davis-Hall, Col. 6 lines 15-32, codes)

For claim 6, Davis-Hall teaches, the method of claim 4, wherein the document is a World-Wide Web page and the first link is a hypertext link. (Davis-Hall, Col. 5 lines 5-13, WWW)

For claim 7, Davis-Hall teaches, the method of claim 4, wherein the first link includes a first uniform resource locator (URL) and the indication of the changed location of the first resource includes a second URL, wherein the document is changed by changing the first URL in the first link to the second URL. (Davis-Hall, Col. 5 lines 26-45, expected content and returned content)

For claim 8, Davis-Hall teaches, the method of claim 4, wherein the document is changed by automatically deleting the first link in the document if the first response does

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not include a replacement link and contains a link status code indicating that the first link is invalid. (Davis-Hall, Col. 6 lines 40-65, remove)

For claim 9, Davis-Hall teaches, the method of claim 4, wherein said sending the first request, receiving the first response, and changing the document are performed in a web server. (Davis-Hall, Col. 3 lines 55-65, server)

For claim 15, Davis-Hall teaches, a method for determining a status of links in a document, comprising:

receiving a first request to determine the status of a first link in the document, wherein the first link includes a location indicator of a first resource; (Davis-Hall, Col. 5 lines 14-46, check status)

detecting if the first resource is present within a storage unit at a location indicated by the location indicator; (Davis-Hall, Col. 5 lines 16-46, returned location)

determining if the first resource is present at an alternate location if the first resource is not detected in the location indicated by the location indicator; (Davis-Hall, Col. 6 lines 16-33, error list)

and returning an alternate location identifier indicating the alternate location of the first resource if the first resource is determined to be present at the alternate location; (Davis-Hall, Col. 5 lines 16-46, expected location )

and receiving a second request which is automatically sent after the returning of the alternate location identifier, to determine the status of a second link in the document,

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wherein the second link includes a location indicator of a second resource. (Davis-Hall, Col. 5 lines 14-46, check status, Col. 6 lines 15-30, continues, Col. 3 line 55 to Col. 4 line 16, start command generate automatically)

For claim 16, Davis-Hall teaches, the method of claim 15, wherein the first link is a hypertext link and the location indicator of the resource is a uniform resource locator (URL). (Davis-Hall, Col. 5 lines 5-16, URL)

For claim 17, Davis-Hall teaches, the method of claim 16, wherein the first resource is a web page. (Davis-Hall, Col. 3 lines 55-67, website)

For claim 18, Davis-Hall teaches, the method of claim 16, further comprising returning a link status code indicating whether the first resource is present in the storage unit. (Davis-Hall, Col. 6 lines 15-32. code)

For claim 19, Davis-Hall teaches, the method of claim 18, wherein the link status code indicates whether the first resource has been deleted from the storage unit. (Davis-Hall, Col. 6 lines 15-32, code)

For claim 20. The method of claim 15, wherein said determining if the first resource is present at an alternate location is performed by consulting a mapping table associating a first location indicator with a second location indicator, wherein the first location

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indicator indicates a prior location of the first resource and the second location indicator indicates a present location of the first resource. (Davis-Hall, Col. 5 lines 26-45, expected content and returned content)

For claim 21, Davis-Hall teaches, the method of claim 20, wherein the first and second location indicators are uniform resource locators (URLs). (Davis-Hall, Col. 5 lines 5-15, URL)

For claim 31, Davis-Hall teaches, the method of claim 4, wherein the link checking service unit is disposed in a first web server, and the first request is sent from a second web server different from the first web server. (Davis-Hall, Col. 3 lines 55-65, client or server)

For claim 32, Davis-Hall teaches, the method of claim 15, wherein the first request is received by a first web server, and the alternate location identifier is returned to a second web server different from the first web server. (Davis-Hall, Col. 3 lines 55-65, client or server)

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See attached Notice of references cited (if appropriate).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ajay M. Bhatia whose telephone number is (571)-272-3906. Also any interview requests should be faxed directly to the examiner at (571)-273-3906. The examiner can normally be reached on M-F 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571)272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jason D Cardone/  
Supervisory Patent Examiner, Art Unit 2145